2684

PATENT APPLICATION
Docket No: 15689.48

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Abeta et al.	
Serial No.:	09/375,906	Art Unit 2684
Filed:	August 17, 1999	
For:	CHANNEL ESTIMATION UNIT, AND CDMA RECEIVER AND CDMA TRANSCEIVER WITH CHANNEL ESTIMATION UNIT	
Customer No:	022913	

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

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- Citation of References Under 37 CFR 1.501 To Be Made Of Record In A Patent File (2 pages)
- Legible Copies of References (9 ref.)
- Postcard

Respectfully submitted,

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Customer No.: 022913

AJL: ds
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Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is respectfully requested that the attached references be made of record in the file of the above-referenced patent. The references were brought to the patentee's attention in a related European Search Report (enclosed). They are:

1. An Analysis of Pilot Symbol Assisted 16QAM For Digital Mobile Communications

2. An Analysis of Pilot Symbol Assisted Modulation for Rayleigh Fading Channels

3. Rake Receiver Structures for Differential and Pilot Symbol-Assisted Detection of DS-CDMA Signals in Frequency-Selective Rayleigh Fading Channels

4. Analysis of TCM Performance on Rayleigh Channels Using Pilot Symbol Aided Transmission

4. TCMP-A Modulation and Coding Strategy for Rician Fading Channels

5. Rayleigh Fading Compensation Method for 16QAM In Digital Land Mobile Radio Channels

6. Performance of Multi-Level QAM With Maximal Ratio Combining Space Diversity for Land Mobile Radio Communications

7. Designs for Pilot-Symbol-Assisted Burst-Mode Communications With Fading and Frequency Uncertainty

8. Comparison of Pilot Symbol-Assisted and Differentially Detected BPSK for DS-CDMA Systems Employing RAKE Receivers in Rayleigh Fading Channels

9. Channel Estimation Filter Using Time-Multiplexed Pilot Channel for Coferent RAKE Combining in DS-CDMA Mobile Radio

10. European Patent Application – EP 09550741 A1

DATED August 6, 2004.

Respectfully submitted,

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